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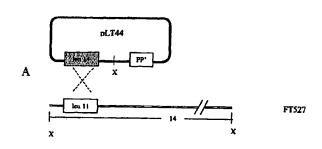
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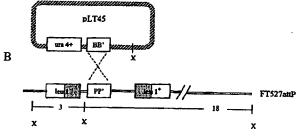
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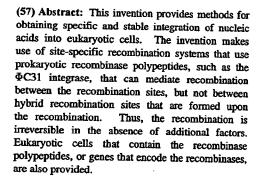
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- (71) Applicants: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Office Of Technology Transfer, 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US). THE UNITED STATES OF AMERICA as represented by the SECRETARY OF AGRICULTURE [US/US]; 1400 Independence Avenue S.W., Washington, DC 20250 (US).
- (72) Inventors: OW, David, W.; 127 Brenner Street, Hercules, CA 94547-3749 (US). CALENDAR, Richard; 940 Euclid Street, Berkeley, CA 94708-1436 (US). THOMASON, Lynn; 1061 H. Monroe Street #7, Albany, CA 94706-2282 (US).
- (74) Agents: SMITH, Timothy, L. et al.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94111-3834 (US).
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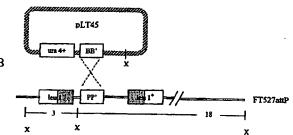
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(54) Title: DNA RECOMBINATION IN EUKARYOTIC CELLS BY THE BACTERIOPHAGE PHIC31 RECOMBINATION SYS-TEM

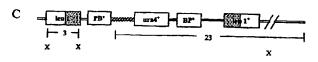














patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N5/10 C12N C12N15/79 C12N15/90 //C12N9/22 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C12N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, BIOSIS, CHEM ABS Data, EMBASE C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. P.X WO 00 11155 A (UNIV LELAND STANFORD 1-8, JUNIOR) 2 March 2000 (2000-03-02) 10-47 page 4 page 5, line 25 -page 6, line 2 A THORPE, H. M. ET AL.: "In vitro 1-47 site-specific integration of bacteriophage DNA catalyzed by a recombinase of the resolvase/invertase family" PNAS, vol. 95, 1998, pages 5505-5510. XP002157128 cited in the application abstract -/--X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed in the art. "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 12 January 2001 29/01/2001 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Mata Vicente, T.

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